

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

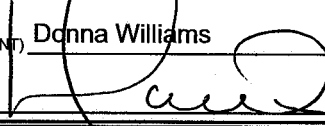
FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: Drunkard Wash UTL167921X	
2. NAME OF OPERATOR: ConocoPhillips Company				9. WELL NAME and NUMBER: Keach 27-864	
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710			PHONE NUMBER: (432) 688-6943	10. FIELD AND POOL, OR WILDCAT: Drunkard Wash Undesignated	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 584.21 FSL & 1110.32 FWL AT PROPOSED PRODUCING ZONE: 517839X 39.573244 4380205Y -110.792306				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 27 14S 10E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1 mile southeast of Price, Utah				12. COUNTY: Carbon	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 584		16. NUMBER OF ACRES IN LEASE: 640 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) ~2640 Feet		19. PROPOSED DEPTH: 1,300		20. BOND DESCRIPTION: Statewide	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5491.9		22. APPROXIMATE DATE WORK WILL START: 9/1/2007		23. ESTIMATED DURATION:	

24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
14 3/4"	12 3/4"	H40	40.5 #	40			
11"	8 5/8"	J55	24#	400	170 sxs G + 2% CaCl	1.18 cu ft/sk	15.6 ppg
7 7/8"	5 1/2"	N80	17#	1,300	90 sxs Std Cmt	10%CalSeal	1.61cu ft/sk 14.2 ppg
					230sxs 50/50 Poz	8% Bent+10% CalSeal	.25# 12.5 ppg

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Specialist
SIGNATURE 	DATE 5/2/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-007-31292

APPROVAL:

RECEIVED
MAY 03 2007

Range 10 East

(5296.50')

S89°58'16"E - 5332.20'

Township 14 South

N00°00'08"W - 2657.13'

N00°02'59"E - 2662.26'

N00°07'26"E - 2643.15'

N00°11'46"W - 2670.07'

27

UTM
N 4380202
E 517831

1110.32'

KEACH #27-864
ELEV. 5491.9'

584.21'

S89°57'45"W - 5337.85'

(5263.50')

Legend

- Drill Hole Location
- ⊙ Metal Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- () GLO

GPS Measured

NOTES:

1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

LAT / LONG
39°34'23.593"N
110°47'32.639"W

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:

Basis of Elevation of 5459' being at the Southeast Section Corner of Section 34, Township 14 South, Range 10 East, Salt Lake Base and Meridian, as shown on the Price Quadrangle 7.5 minute series map.

Description of Location:

Proposed Drill Hole located in the SW/4 SW/4 of Section 27, T14S, R10E, S.L.B.&M., being North 584.21' from South Line and East 1110.32' from West Line of Section 27, T14S, R10E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



TALON RESOURCES, INC.

195 North 100 West P.O. Box 1230
Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311
E-Mail talon • etv.net

ConocoPhillips Company

WELL KEACH #27-864
Section 27, T14S, R10E, S.L.B.&M.
Carbon County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J./A.J.S.
Drawing No. A-1	Date: 10/3/06
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 2602

GRAPHIC SCALE

0 500' 1000'

(IN FEET)

1 inch = 1000 ft.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/03/2007

API NO. ASSIGNED: 43-007-31292

WELL NAME: KEACH 27-864

OPERATOR: CONOCOPHILLIPS COMPANY (N2335)

CONTACT: DONNA WILLIAMS

PHONE NUMBER: 432-688-6943

PROPOSED LOCATION:

SWSW 27 140S 100E

SURFACE: 0584 FSL 1110 FWL

BOTTOM: 0584 FSL 1110 FWL

COUNTY: CARBON

LATITUDE: 39.57324 LONGITUDE: -110.7923

UTM SURF EASTINGS: 517839 NORTHINGS: 4380205

FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

DKD

8/31/07

Geology

Surface

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: FRSD

COALBED METHANE WELL? NO YES

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 6196922)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.

Unit: _____

 R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

 R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 24309

Eff Date: 2-8-2005

Siting: 460' from center bar (N.E. 1/4) for other wells

 R649-3-11. Directional Drill

COMMENTS:

Need Probe (06-14-07)

STIPULATIONS:

1 - STATEMENT OF BASIS

T14S R10E

BAWDEN I
◇

TOM

28

27

26

LDS 28-861
✱

WELLINGTON
FEE I
◇

KEACH 27-864
⊙

CAUSE: 243-9 / 2-8-2005

LDS 33-522
✱

UTAH 33-530
✱

**DRUNKARDS
WASH FIELD
DRUNKARDS
WASH UNIT**

LDS 34-865
⊙

34

35

AH 33-439
✱

LDS 34-524
⊙

T15S R10E

UTAH 03-647
UTAH 03-647
✱

OPERATOR: CONOCOPHILLIPS CO (N2335)

SEC: 27,34 T.14S R.10E

FIELD: UNDESIGNATED (002)

COUNTY: CARBON

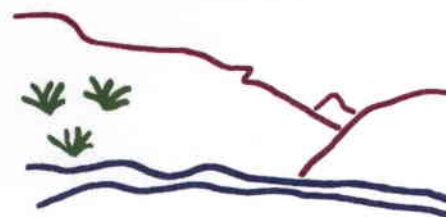
CAUSE: 243-9 / 2-8-2005

Field Status
 ■ ABANDONED
 ■ ACTIVE
 ■ COMBINED
 ■ INACTIVE
 ■ PROPOSED
 ■ STORAGE
 ■ TERMINATED

Unit Status
 ■ EXPLORATORY
 ■ GAS STORAGE
 ■ NF PP OIL
 ■ NF SECONDARY
 ■ PENDING
 ■ PI OIL
 ■ PP GAS
 ■ PP GEOTHERML
 ■ PP OIL
 ■ SECONDARY
 ■ TERMINATED

Wells Status

✱ GAS INJECTION
 ✱ GAS STORAGE
 ✱ LOCATION ABANDONED
 ⊙ NEW LOCATION
 ✱ PLUGGED & ABANDONED
 ✱ PRODUCING GAS
 ● PRODUCING OIL
 ✱ SHUT-IN GAS
 ✱ SHUT-IN OIL
 ✱ TEMP. ABANDONED
 ○ TEST WELL
 ⊙ WATER INJECTION
 ⊙ WATER SUPPLY
 ⊙ WATER DISPOSAL
 ⊙ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
 DATE: 7-MAY-2007

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

6/20/2007

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
402	43-007-31292-00-00		GW	P	No
Operator	CONOCOPHILLIPS COMPANY		Surface Owner-APD		
Well Name	KEACH 27-864		Unit		
Field	UNDESIGNATED		Type of Work		
Location	SWSW 27 14S 10E S 584 FSL 1110 FWL GPS Coord (UTM) 517839E 4380205N				

Geologic Statement of Basis

A silty, poorly-permeable soil is developed on a fringe of alluvium, associated with the Price River drainage, covering the lower portion of the Blue Gate Shale Member of the Mancos Shale. No aquifers with high quality ground water are likely to be encountered. The proposed casing and cement program will adequately isolate any water-bearing strata encountered during drilling. No underground water rights have been filed within a mile of the location. The location is beside the Price River (~250' southwest).

Chris Kierst
APD Evaluator

6/20/2007
Date / Time

Surface Statement of Basis

On-site evaluation conducted on June 14, 2007. In attendance: Bart Kettle-Division of Oil, Gas and Mining (DOGM), Jean Semborski-ConocoPhillips, Tim Koch-ConocoPhillips, Cory Wilcox-ConocoPhillips, Kelly Tryon-surface representative, Bill Keach-surface owner, Chuck Rich-Nielson Construction.

As proposed the project area sits within a series of dry washes feeding into the Price River within 500'. Erosion by these washes and the Price River appears to have been very active in the past, and is still active at the time of evaluation. Therefore DOGM recommends that wash crossings and diversions contain sufficient rip rap to dissipate energy of water flows and maintain integrity of access road and well pad. Diversion of the washes on the southeast corner of the well pad should contain straw bales or rock berms to filter sediment and reduce velocity of flows within construction channel. Well pad should contain berms at all times sufficient to prevent fluids from leaving the well pad and entering the Price River. Reserve pit should be fenced if it remains open through the winter and spring months when livestock are likely to utilize the project area.

Bart Kettle
Onsite Evaluator

6/14/2007
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Drainages on the southeastern portion of the pad shall be diverted. Diversion shall contain sufficient rip rap to stabilize site. Diversion of the washes on the southeast corner of the well pad should contain straw bales or rock berms to filter sediment and reduce velocity of flows within construction channel.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CONOCOPHILLIPS COMPANY
Well Name KEACH 27-864
API Number 43-007-31292-0 **APD No** 402 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SWSW **Sec** 27 **Tw** 14S **Rng** 10E 584 FSL 1110 FWL
GPS Coord (UTM) **Surface Owner**

Participants

Bart Kettle-Division of Oil, Gas and Mining (DOGM), Jean Semborski-ConocoPhillips, Tim Koch-ConocoPhillips, Kelly Tryon-surface representative, Bill Keach-surface owner, Chuck Rich-Nielson Construction, Ken Lake-surface lessee.

Regional/Local Setting & Topography

Project area is ~1 mile south of Price, located in Carbon County Utah. Project area is surrounded by a mixture of salt scrub rangelands, agriculture fields and riparian corridors. The project is proposed in a 8-10" precipitation zone within 1000' of the Price River, a critical perennial water source. Regionally topography is a series of large plateaus obtaining substantial elevation, dropping off sharply into arid valleys containing limited water sources and generally poor soils. Vegetation is dominated by salt scrub rangelands and pinion/juniper woodlands with agriculture lands following limited riparian corridors in the valleys and montane forest dominating the plateau tops. On a local setting project will use existing access through agriculture lands. New access crosses a series of sharp dry washes roughly parallel to the Price River. The well pad lies at the base of a small knob overlooking the Price River less than 250' away.

Surface Use Plan

Current Surface Use

Grazing
Wildlife Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.5	Width 225	Length 240	Onsite	MNCS

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Flora:

Grass: Indian rice grass, curly galleta, bottle brush squirrel tail, cheatgrass.

Forbs: Purple mustard, Rocky Mountain Aster, halogeton, desert plantain, princes plume, globe mallow, desert trumpet.

Shrubs: Gardner salt brush, shadscale, black greasewood, mat salt brush, bud sage, gray horse brush, winterfat, and broom snakeweed.

Trees: None

Fauna: Mule deer, cotton tail rabbits, white tail prairie dog, coyote, red fox, kangaroo rat, deer mouse, incidental use by song birds and raptors. Occurrence of a host of small reptiles and mammals possible.

Soil Type and Characteristics

light gray clays, some sandstone cobble.

Erosion Issues Y

Project area is actively eroding and has been for past 100 years

Sedimentation Issues Y

Potential sedimentation issues into the Price River

Site Stability Issues N

Price River cutting towards well pad site, not consider foreseeable that it will cut into the project site during the expected life of the well.

Drainage Diversion Required Y

Drainage on the western side of the well pad require diversion.

Berm Required? Y

Berm required to prevent fluid leaving the well pad and entering the Price River.

Erosion Sedimentation Control Required? Y

Rip rap drainage diversions, consider use of straw bales to trap sediment and diffuse energy of water flows. Proposal of operator should be adequate to contain erosion/sedimentation.

Paleo Survey Run?**Paleo Potential Observed?****Cultural Survey Run?****Cultural Resources?****Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet) >200

0

Distance to Surface Water (feet) 200 to 300

10

Dist. Nearest Municipal Well (ft) >5280

0

Distance to Other Wells (feet) >1320

0

Native Soil Type Low permeability

0

Fluid Type Air/mist

0

Drill Cuttings Normal Rock

0

Annual Precipitation (inches) <10

0

Affected Populations <10

0

Presence Nearby Utility Conduits Not Present

0

Final Score

10 3 Sensitivity Level

Characteristics / Requirements**Closed Loop Mud Required? N****Liner Required? N****Liner Thickness****Pit Underlayment Required? N****Other Observations / Comments**

Project area (well pad and access road) are proposed within 1000' of the Price River. Nearest corner of the well pad is within 200' of the Price River. Drainages feeding into the river, and the banks of the river are actively eroding to the southwest and appear to have been active for roughly the past 100 years. Rate of erosion appears to have declined in the past 30 years, but is still considered very active. As proposed the access route crosses two substantial dry washes requiring culverts and rip rag to stabilize the crossings. Southeast corner of the well pad cuts through an diverts several drainages. Diversions will require rig rap to stabilize and use of straw to catch sediment is recommended.

Proposed access road lies across two separate surface owners who have requested a cattle guard be placed at property boundary despite the lack of a fence.

Bart Kettle
Evaluator

6/14/2007
Date / Time

utah
gov

Online Services

Agency List

Business

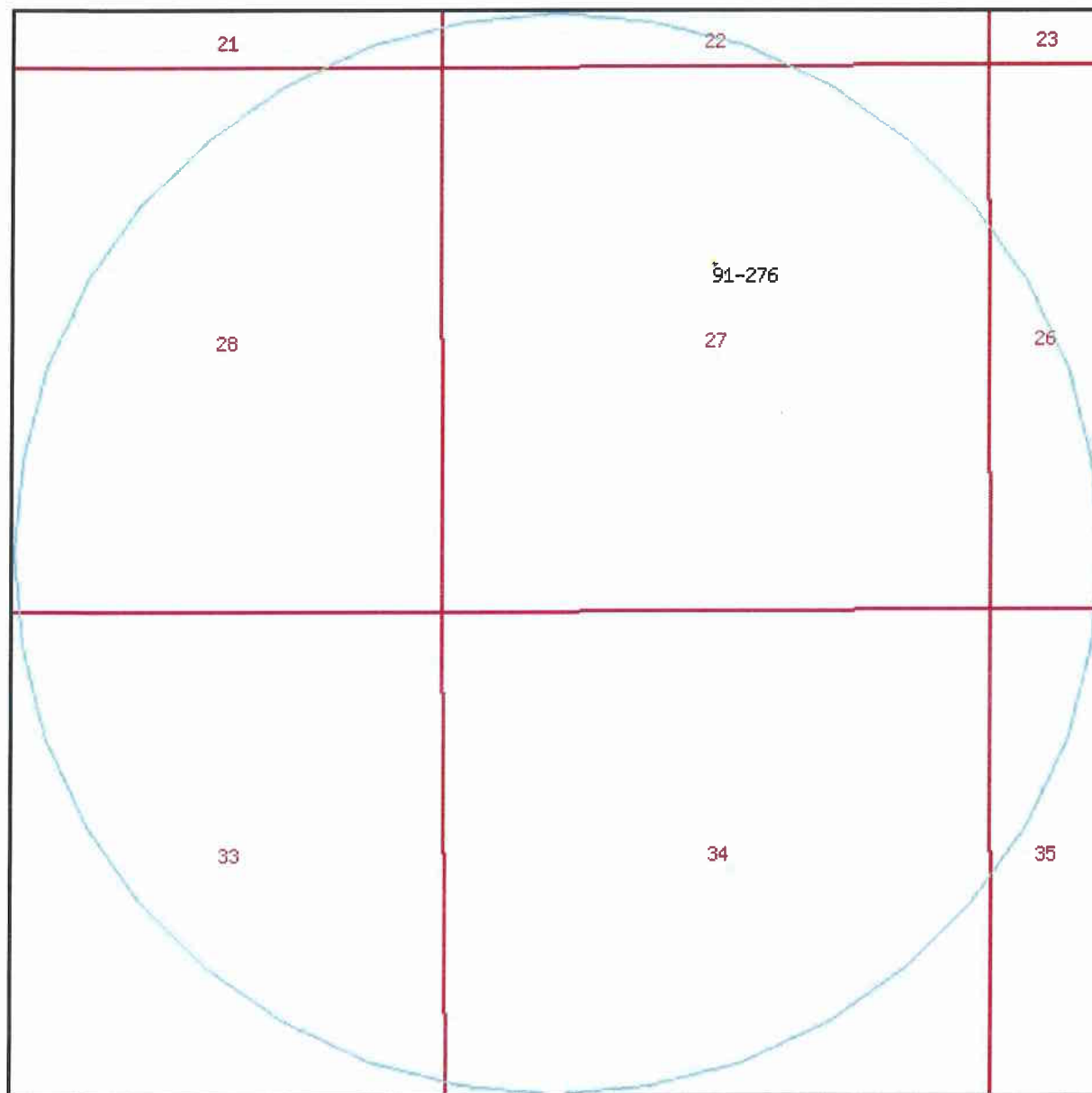
Utah Division of Water Rights



WRPLAT Program Output Listing

Version: 2007.04.13.01 Rundate: 06/20/2007 04:34 PM

Radius search of 5280 feet from a point N584.21 E1110.32 from the SW corner, section 27, Township 14S, Range 10E, SL b&m
Criteria:wrtypes=W,C,E podtypes=S,U,D,Sp status=U,A,P usetypes=all



0 700 1400 2100 2800 ft

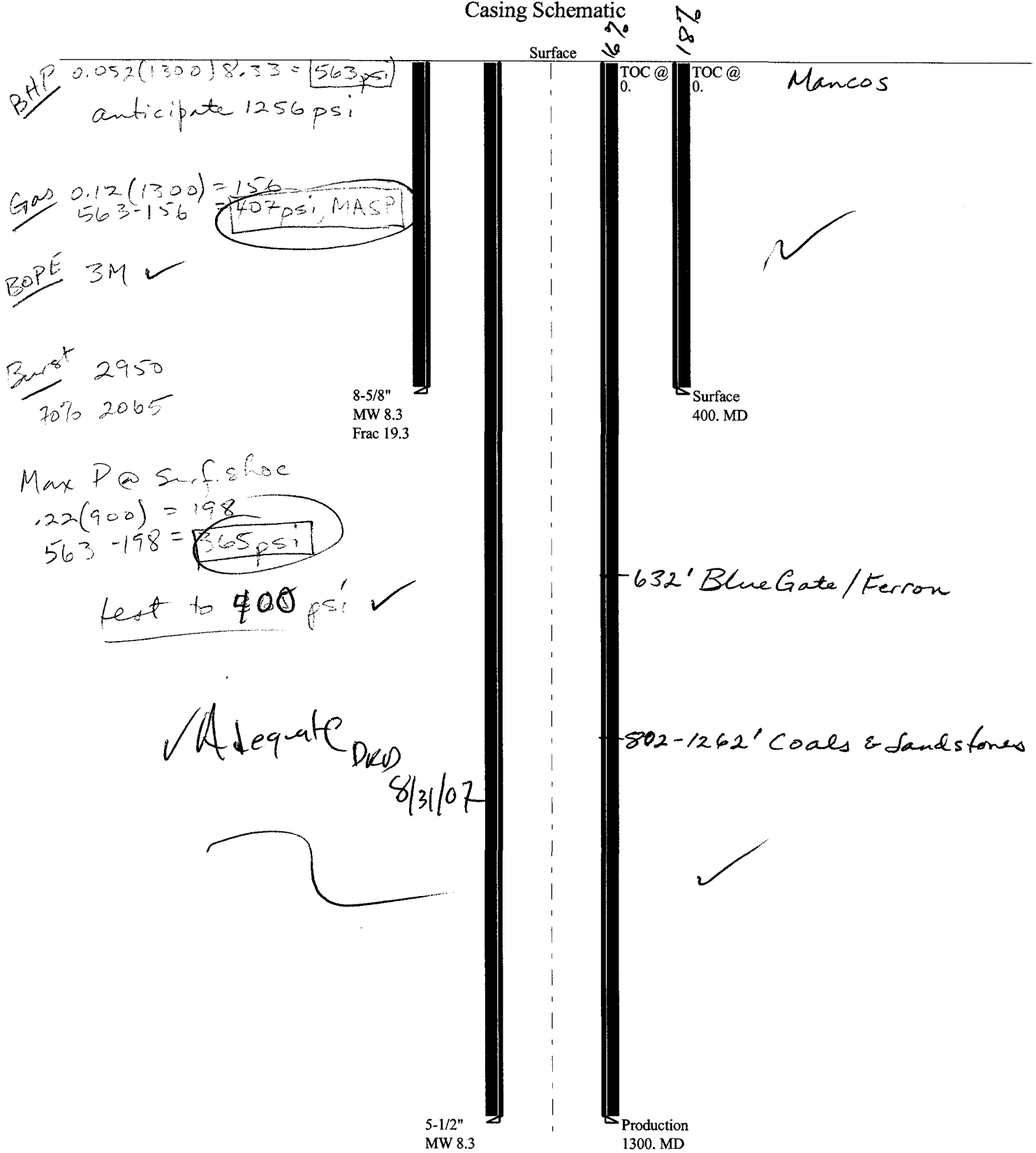
Water Rights

WR Number	Diversion Type/Location	Well Log Status	Priority	Uses	CFS	ACFT	Owner Name
<u>91-276</u>	Surface	P	19600718	I	0.750	0.000	MILTON B. BRYNER
	S1920 W10 N4 27 14S 10E SL						720 NORTH 4TH EAST

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

2007-08 ConocoPhillips Keach 27-864

Casing Schematic



Well name:	2007-08 ConocoPhillips Keach 27-864	
Operator:	ConocoPhillips Company	Project ID:
String type:	Surface	43-007-31292
Location:	Carbon County	

Design parameters:
Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 71 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 150 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 350 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 1,300 ft
Next mud weight: 8.330 ppg
Next setting BHP: 563 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	143
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	173	1370	7.917	400	2950	7.38	10	244	25.42 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: August 29, 2007
Salt Lake City, Utah

ENGINEERING STIPULATIONS:

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2007-08 ConocoPhillips Keach 27-864	
Operator:	ConocoPhillips Company	Project ID:
String type:	Production	43-007-31292
Location:	Carbon County	

Design parameters:

Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 83 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 406 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 562 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 1,138 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1300	5.5	14.00	J-55	ST&C	1300	1300	4.887	178
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	562	3120	5.548	562	4270	7.59	18	172	9.45 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: August 29, 2007
Salt Lake City, Utah

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU67921X	
2. NAME OF OPERATOR: ConocoPhillips Company				9. WELL NAME and NUMBER: Keach 27-864	
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710			PHONE NUMBER: (432) 688-6943	10. FIELD AND POOL, OR WILDCAT: Drunkards Wash	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 584.21 FSL & 1110.32 FWL AT PROPOSED PRODUCING ZONE:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 27 14S 10E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1 mile southeast of Price, Utah				12. COUNTY: Carbon	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 584		16. NUMBER OF ACRES IN LEASE: 640 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) ~2640'		19. PROPOSED DEPTH: 1,300		20. BOND DESCRIPTION: Statewide	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5491.9		22. APPROXIMATE DATE WORK WILL START: 9/1/2007		23. ESTIMATED DURATION:	

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
14 3/4"	12 3/4" H40 40.5#	40			
11"	8 5/8" J55 24#	400	170 sxs G + 2% CaCl	1.18 cu ft/sk	15.6 ppg
7 7/8"	5 1/2" N80 17#	1,300	235 sxs 50/50 Poz G		14.1 ppg

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) <u>Donna Williams</u>	TITLE <u>Sr. Regulatory Specialist</u>
SIGNATURE	DATE <u>8/15/07</u>

(This space for State use only)

API NUMBER ASSIGNED: 43-087-31292

APPROVAL:

RECEIVED
AUG 16 2007

DIV. OF OIL, GAS & MINING

AFFIDAVIT CONCERNING SURFACE USE AGREEMENT


STATE OF COLORADO }
 }
COUNTY OF LARIMER }

DEANNA J. WALKER, being first duly sworn upon her oath, deposes and says:

1. I am a Senior Advisor in the Property Tax, Real Estate, Right of Way and Claims Organization of ConocoPhillips Company, a Delaware corporation duly authorized to transact business in the State of Utah, ("ConocoPhillips") and am authorized to execute this Affidavit on behalf of said corporation.
2. **R. William Keach, II** and **Marcia P. Keach**, whose address is 760 East Center Street, Lindon, Utah, 84042 ("**Surface Owner**") own the surface estate of property located in the **Southwest One-quarter of Section 27, Township 14 South, Range 10 East, S.L.B.&M., Carbon County, Utah** ("**Property**").
3. ConocoPhillips owns or operates oil and gas rights, including mineral leases, and may become holder of other oil and gas rights, including mineral leases, underlying and in the vicinity of the Property ("**Leases**") and desires to enter on the Property for the purposes of conducting oil and gas operations related to such oil and gas rights, including mineral leases.
4. The Surface Owner executed a Surface Use and Damage Agreement effective as of the 15th day of November 2007 which covers the Property. In addition to other agreements and as required by the State of Utah Division of Oil, Gas and Mining, Oil and Gas Conservation General Rules, R649-3-34 ("**Well Site Restoration Rules**"), the Surface Use and Damage Agreement sets forth the agreement between the parties for the protection of surface resources, reclamation of the Property and well site restoration, or damages in lieu thereof, for the surface pad location for ConocoPhillips' **27-864 well** and associated infrastructure, which will be located on the Property. A Memorandum of Surface Use and Damage Agreement is being filed in the public records of Carbon County, Utah.
5. I execute and record this affidavit in accordance with the requirements of the Well Site Restoration Rules.

6. The matters stated herein are true of my own knowledge, except to any matters stated herein upon information and belief, and, as to those matters, I believe them to be true.

DATED this 3rd day of April 2007.



DEANNA J. WALKER
ConocoPhillips Company
Property Tax, Real Estate,
Right of Way and Claims
Senior Advisor

Subscribed, sworn and acknowledged to and by Deanna J. Walker before me this 3rd day of April 2007.



NOTARY PUBLIC
For the State of Colorado

My Commission Expires:

~~My Commission Expires: 2-28-2008~~

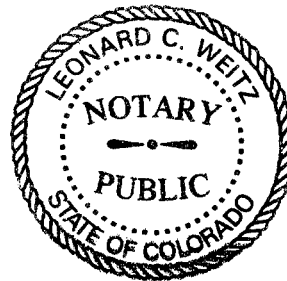


EXHIBIT "D"
DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
Keach 27-864
SWSW of Section 27-14S-10E
584.21' FSL & 1110.32' FWL
Carbon County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 632

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 802-1262

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

4. The Proposed Casing and Cementing Programs

Hole Size	Casing Size	Wt/Ft	Grade	Joint	Depth set
14 3/4"	12 3/4"	40.5	H-40	ST&C	0-50'
11"	8 5/8"	24.0	J-55	ST&C	0-400'
7 7/8"	5 1/2"	17.0	N-80	LT&C	<u>0-1300</u>

Cementing Program

The 8 5/8" surface casing will be set with approximately 170 sacks Class G or Type V cement with 2% CaCl_2 mixed at 15.6 ppg (yield = $1.18 \text{ ft}^3/\text{sx}$). The cement will be circulated back to surface with 100% excess.

The 5 1/2" production casing will be set and cemented using a single stage cementing process .

Cement Program: Pump 235 sxs 50/50 Poz Class G w/2% gel + .1% defoamer + .2% uniflac + .2% dispersant + .125 pps cellophane flakes. Mixed at 14.1 ppg, $1.62 \text{ ft}^3/\text{sx}$

The above cement volumes are approximate and are calculated under the assumption that a gauge hole will be achieved. If the cement does not return to surface, a cement bond log will be run to determine the top of cement. In the case where the cement is below the surface casing shoe, the casing will be perforated and squeeze cemented to the surface. If the cement is above the surface casing shoe, cement will be one-inched to the surface.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-400	11" hole	Drill with air, will mud-up if necessary.
400-TD	7 7/8" hole	Drill with air, will mud-up if necessary. 400 psi @ 1400-1600 cfm

7. The Testing, Logging and Coring Programs are as followed

400-TD Gamma Ray, Neutron Porosity, CBL

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is about 1256 psi max., however due to offset production pressures may be much lower. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around September 1, 2007

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

SURFACE USE PLAN

Attached to Form 3
ConocoPhillips Company
Keach 27-864
SWSW of Section 27-14S-10E
584.21' FSL & 1110.32' FWL
Carbon County, Utah

1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

2. Planned Access

Approximately 2,200' of new access is required (Refer to Drawing L-1)

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: 1 culvert may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

3. Location of Existing Wells

- a. Refer to Drawing L-1.

4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- c. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. Ancillary Facilities

- a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Drawing A-2 and L-1.
- d. Natural runoff will be diverted around the well pad.

10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

11. Surface Ownership:

- a. The wellsite and access road will be constructed on lands owned by R. Williams Keach, II and Marcia P. Keach. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities

12. Other Information:

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately 4,500 feet northeast.

- b. Nearest live water is the Price River located approximately ½ mile east.
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. Company Representative

Jean Semborski
Construction/Asset Integrity Supervisor
ConocoPhillips Company
P.O. Box 851
6825 South 5300 West
Price, Utah 84501
(435) 613-9777
(435) 820-9807

Mail Approved A.P.D. To:

Donna Williams
Sr. Regulatory Analyst
ConocoPhillips Company
P.O. Box 51810
Midland, Texas 79710


Excavation Contractor

Larry Jensen, Vice President
Nelco Contractors Inc.
(435) 637-3495
(435) 636-5268

14. Certification

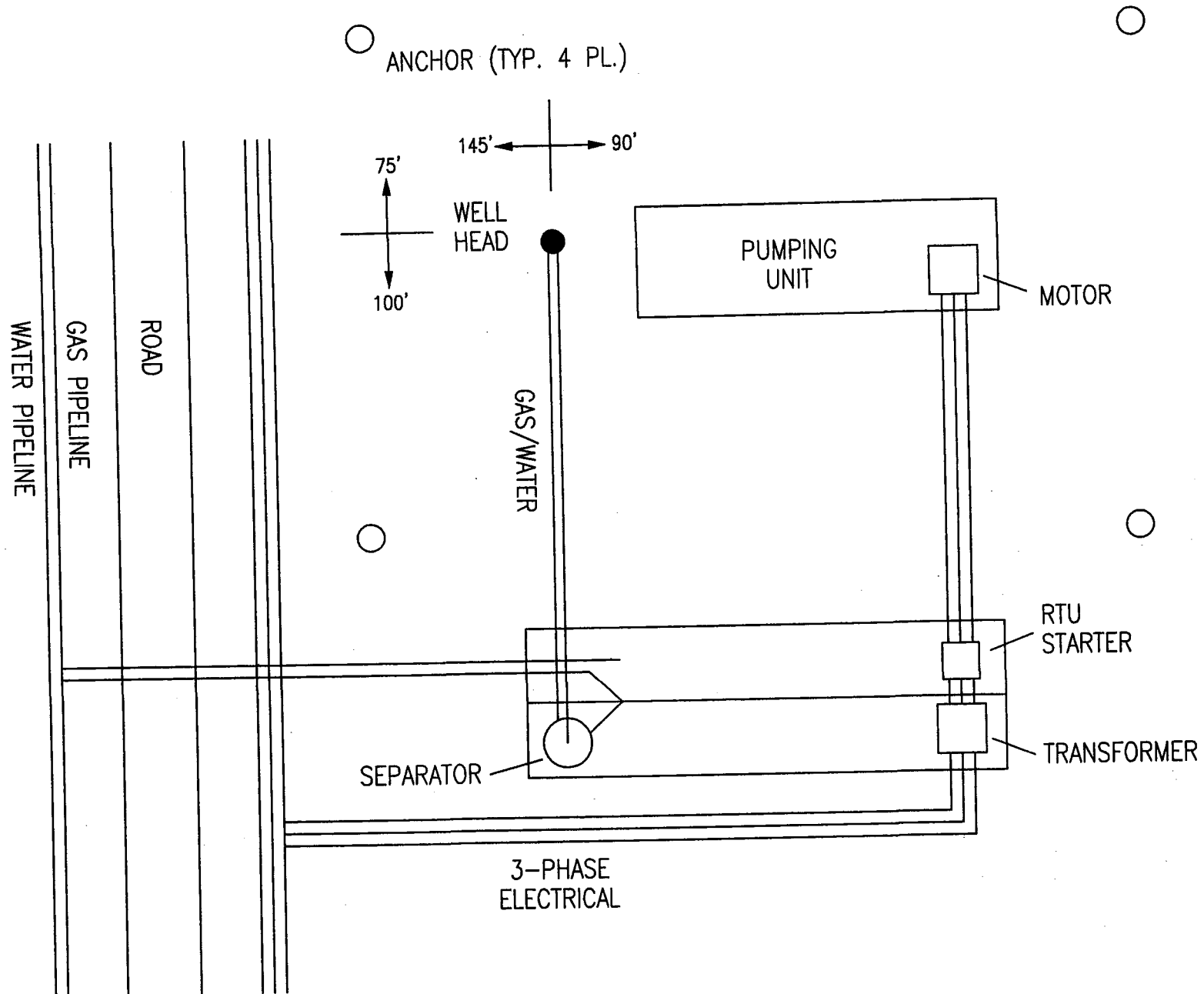
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

5/2/07
Date

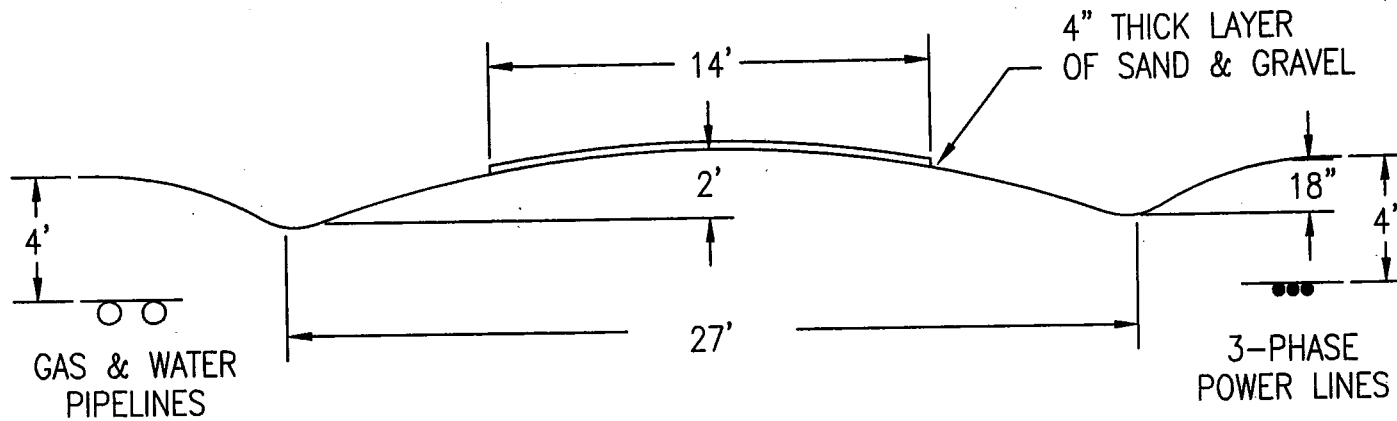

Donna Williams
Sr. Regulatory Analyst
ConocoPhillips Company

CONOCO WILLIPS COMPANY

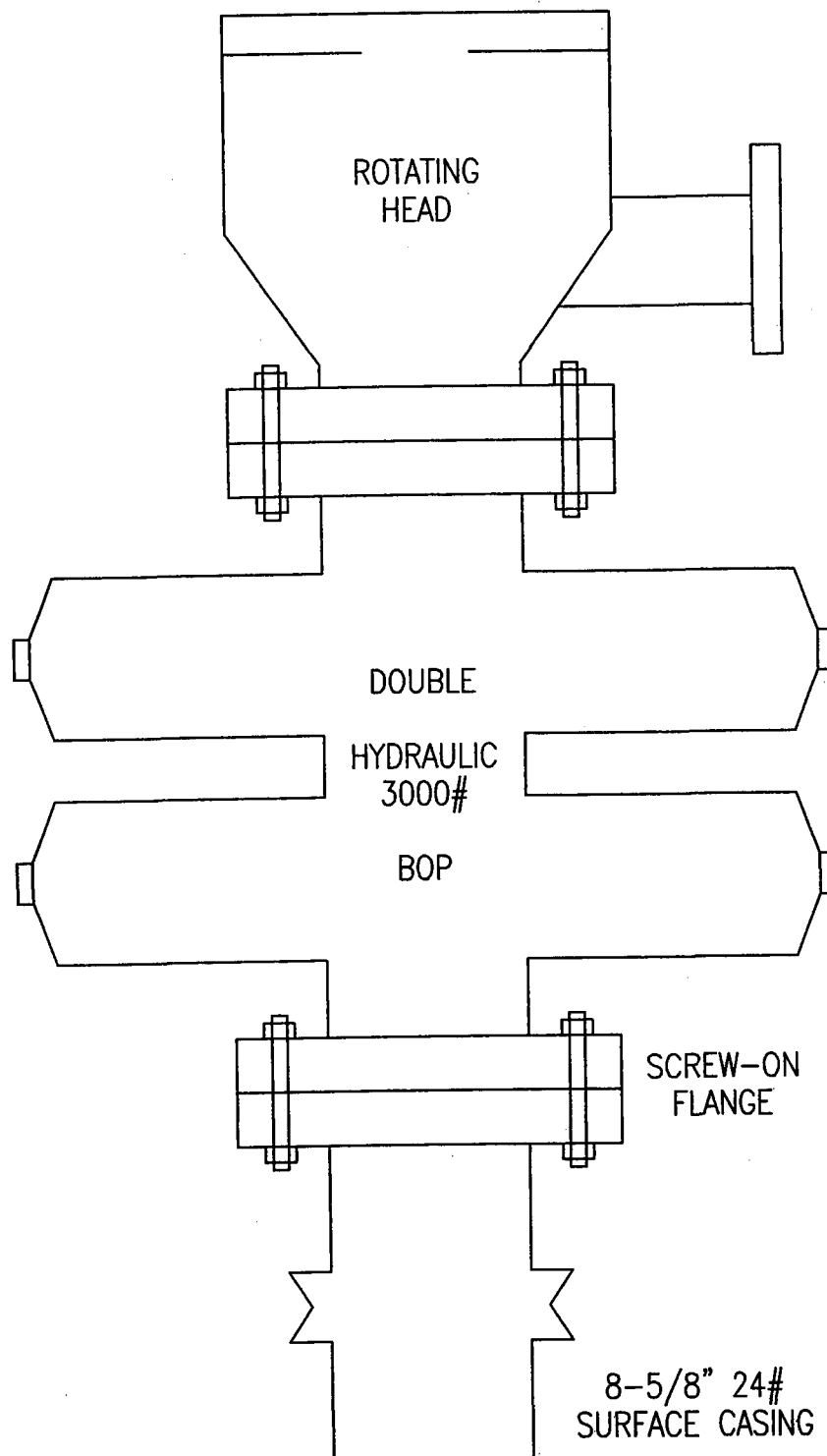
WELL SITE LAYOUT (235' x 175')



TYPICAL ROAD CROSS-SECTION
CONOCOPHILLIPS COMPANY



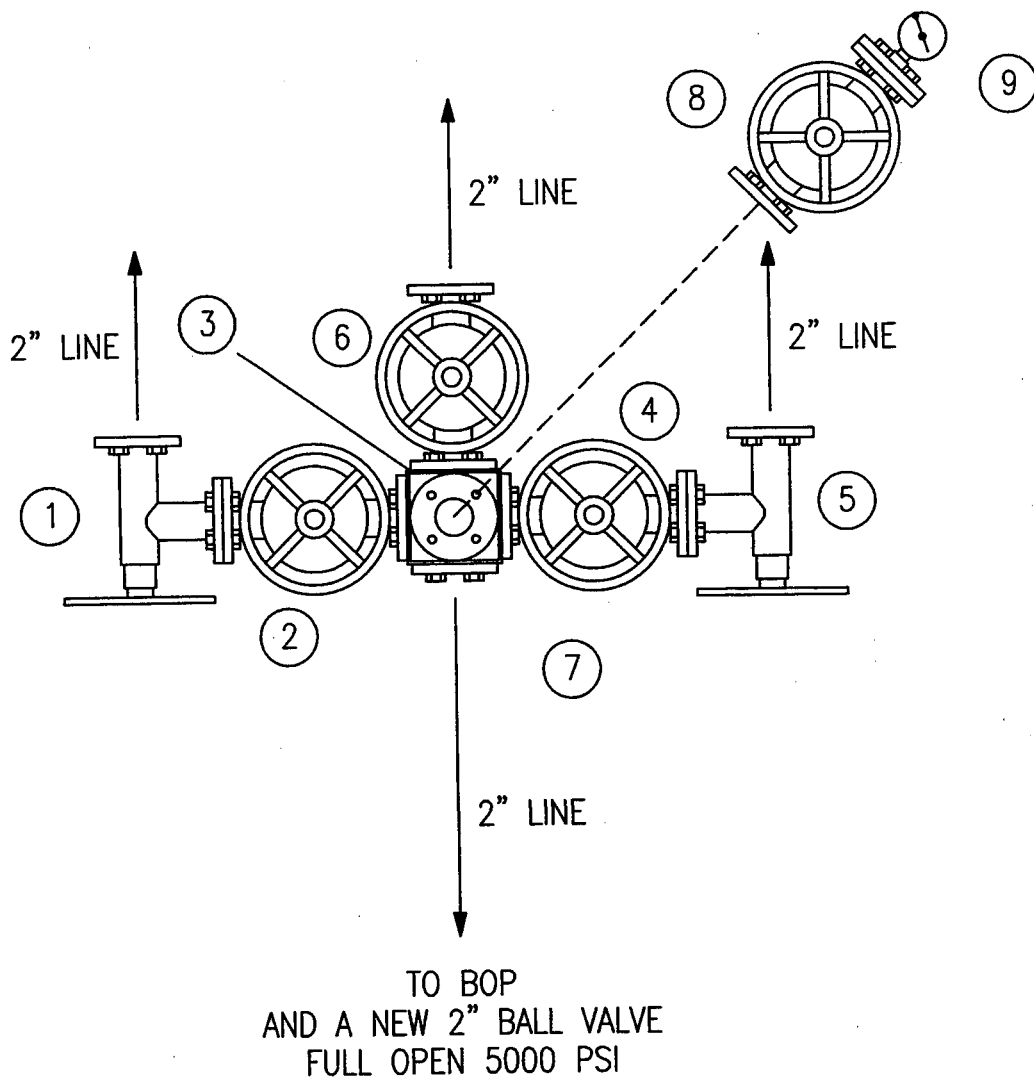
DIVERTER HEAD
CONOCOPHILLIPS COMPANY



CONOCOPHILLIPS COMPANY

- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CROSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

NOTE:
NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



MANIFOLD

Bond No. 6196922

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 4A

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) CONOCOPHILLIPS COMPANY
and _____ as Principal,

(surety name) SAFECO INSURANCE COMPANY OF AMERICA
and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

EIGHTY THOUSAND AND NO/100***** dollars (\$ 80,000.00)
lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and severally by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening, repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

X Blanket Bond: To cover all wells drilled in the State of Utah

Individual Bond: Well No: _____
Section: _____ Township: _____ Range: _____
County: _____, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this

30th day of Dec, 20 02.

(Corporate or Notary Seal here)

By CONOCOPHILLIPS COMPANY
Principal (company name)
Name (print) James F. Hughes Title Corporate Insurance Manager
Signature James F. Hughes

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this

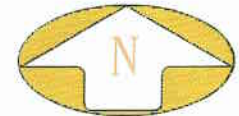
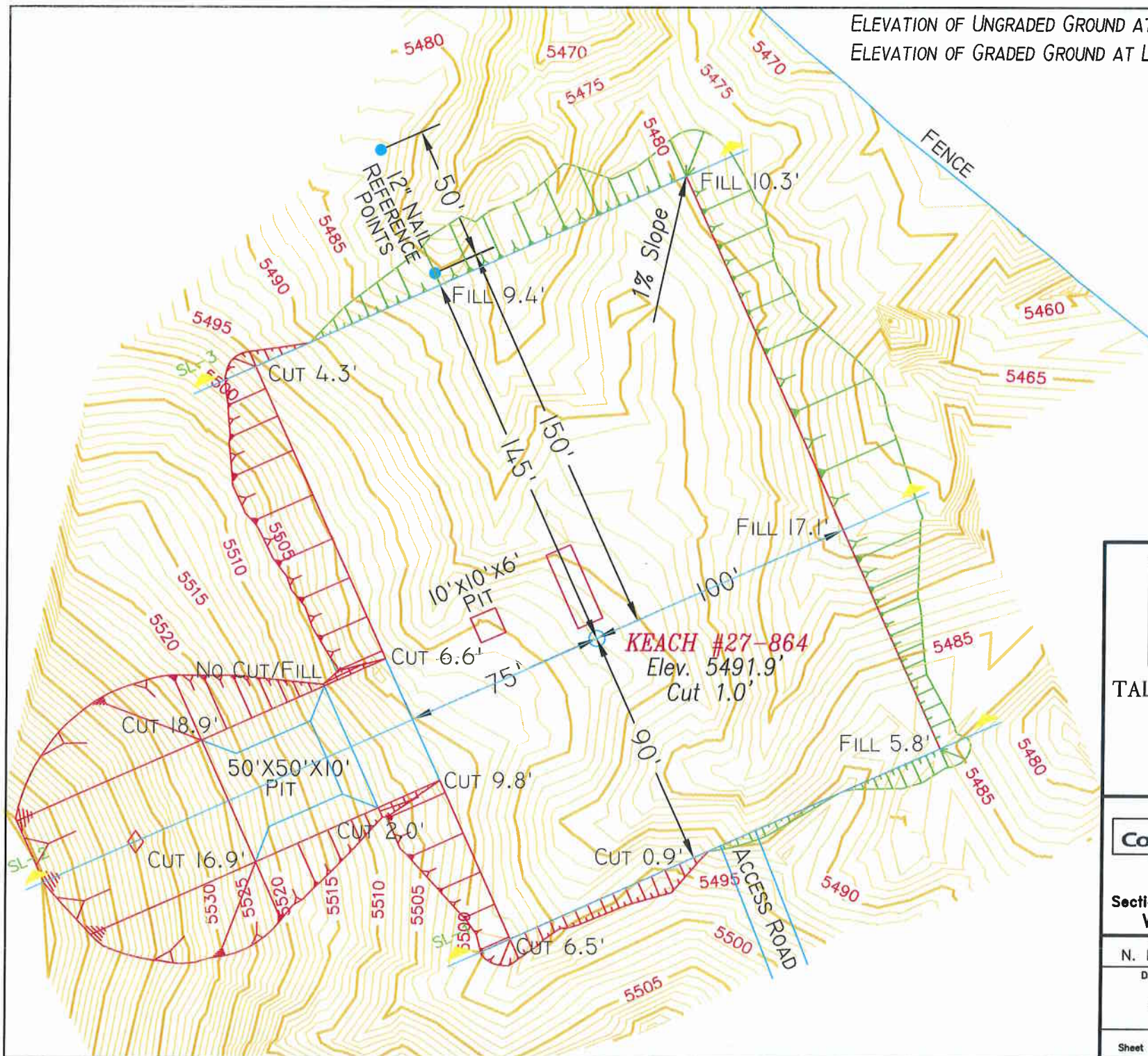
1ST day of JANUARY, 20 03.

(Corporate or Notary Seal here)

By SAFECO INSURANCE COMPANY OF AMERICA
Surety Company (Attach Power of Attorney)
Name (print) Jina Marie Foster Title ATTORNEY-IN-FACT
Signature Jina Marie Foster
Surety Mailing Address C/O MARCH USA, INC.
P.O. BOX 36012, KNOXVILLE, TN 37930-6012
City _____ State _____ Zip _____

Carolyn E. Wheeler
Attested: _____ Date: 12/20/2002
CAROLYN E. WHEELER
NOTARY PUBLIC
MY COMMISSION EXPIRES: NOVEMBER 1, 2006
(5/2002)

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 5491.9'
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 5490.9'



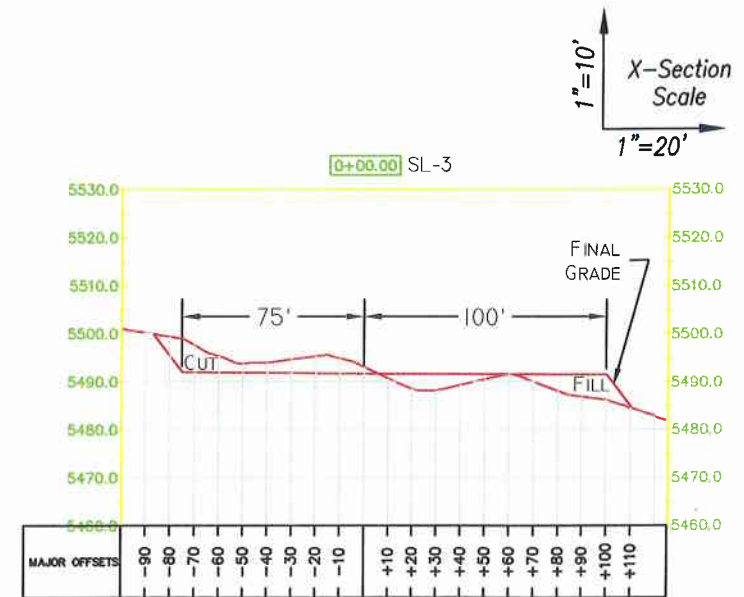
TALON RESOURCES, INC.

195 North 100 West P.O. Box 1230
 Huntington, Utah 84528
 Phone (435)687-5310 Fax (435)687-5311
 E-Mail talon@etv.net

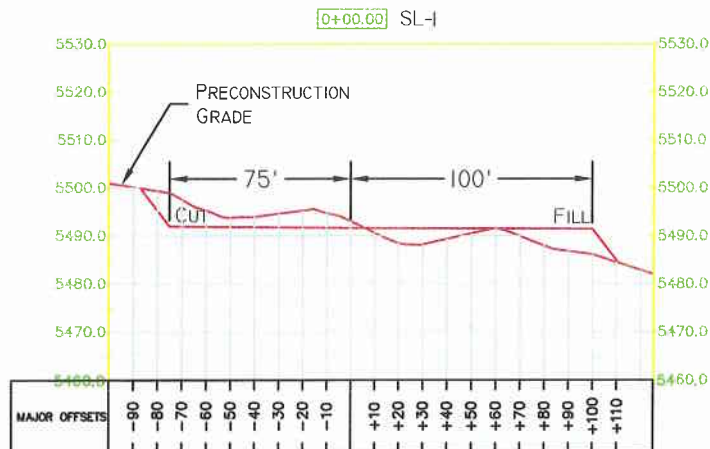
ConocoPhillips Company

LOCATION LAYOUT
 Section 27, T14S, R10E, S.L.B.&M.
 WELL KEACH #27-864

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. A-2	Date: 10/2/06
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 2602



SLOPE = 1 1/2 : 1
(EXCEPT PIT)
PIT SLOPE = 1 : 1

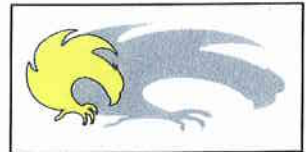


APPROXIMATE YARDAGES

(6") TOPSOIL STRIPPING = 810 CU. YDS.

TOTAL CUT (INCLUDING PIT) = 8,535 CU. YDS.

TOTAL FILL = 8,050 CU. YDS.



TALON RESOURCES, INC.

195 North 100 West P.O. Box 1230
Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311
E-Mail talon etv.net

ConocoPhillips Company

TYPICAL CROSS SECTION
Section 27, T14S, R10E, S.L.B.&M.
WELL KEACH #27-864

Drawn By:
N. BUTKOVICH

Drawing No.

C-1

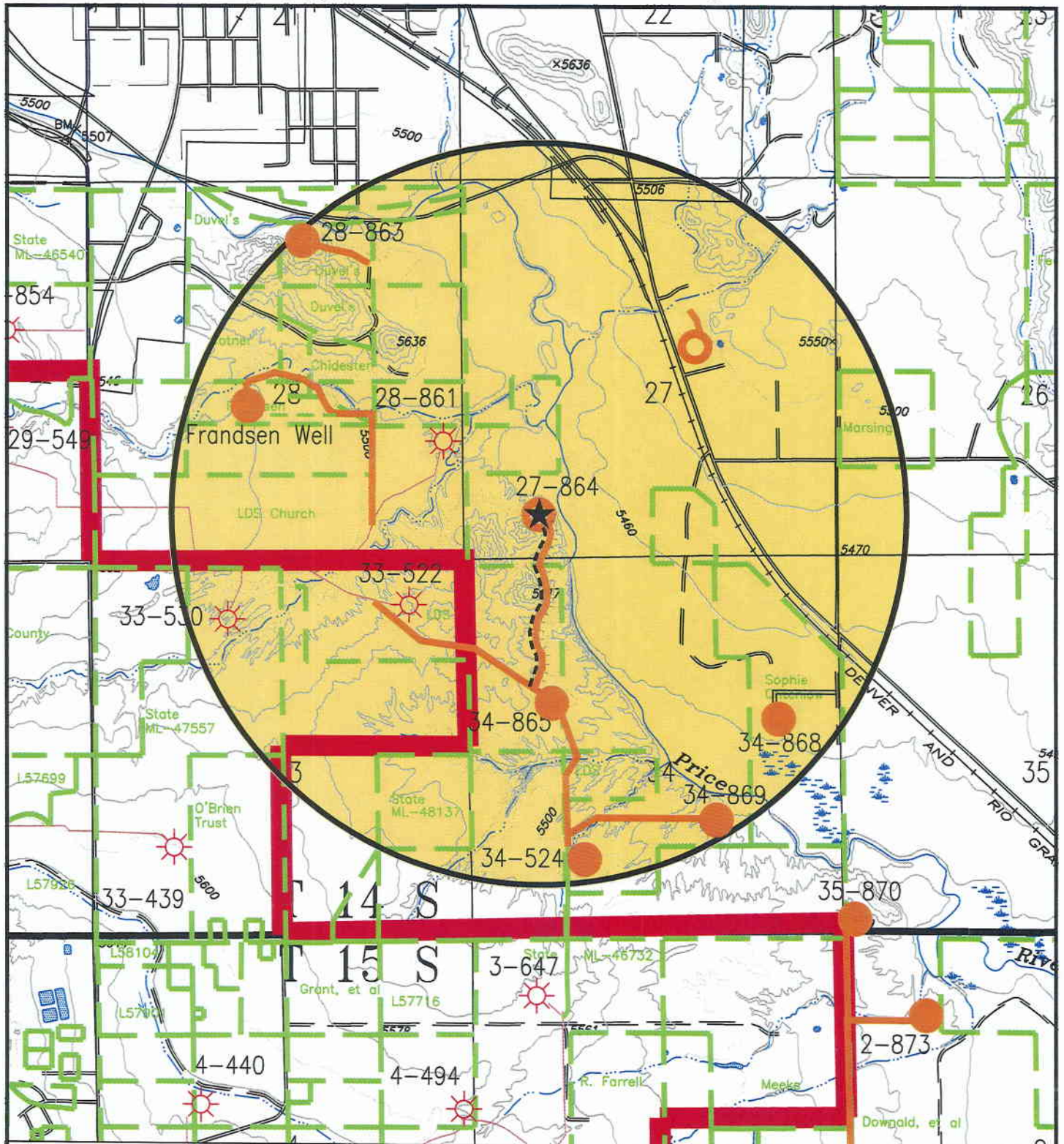
Sheet 3 of 4

Checked By:
L.W.J.

Date:
10/2/06

Scale:
1" = 80'

Job No.
2602



LEGEND

Proposed Well Location:
 Other Proposed Well Locations:
 Proposed Powerline:
 Proposed Pipeline:
 Proposed Roads:
 Lease Boundary:
 Existing Wells:



Scale: 1" = 2000'

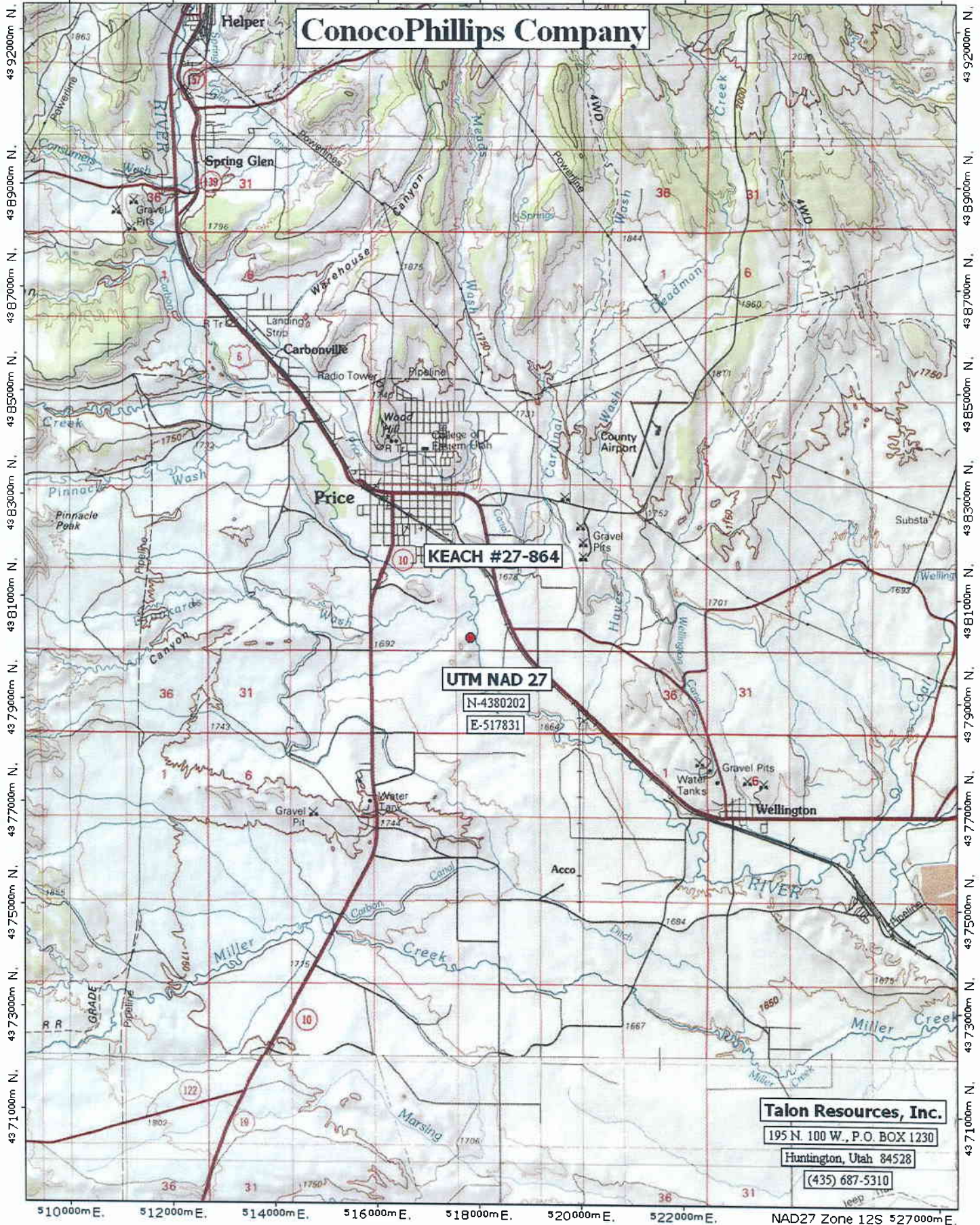
October 3, 2006

ConocoPhillips Company
 6825 South 5300 West
 P.O. Box 851
 Price, Utah 84501
 Phone: (435) 613-9777
 Fax: (435) 613-9782

**ConocoPhillips
 Company**

WELL KEACH #27-864
Section 27, T14S, R10E, S.L.B.&M.
Drawing L-1 4 of 4

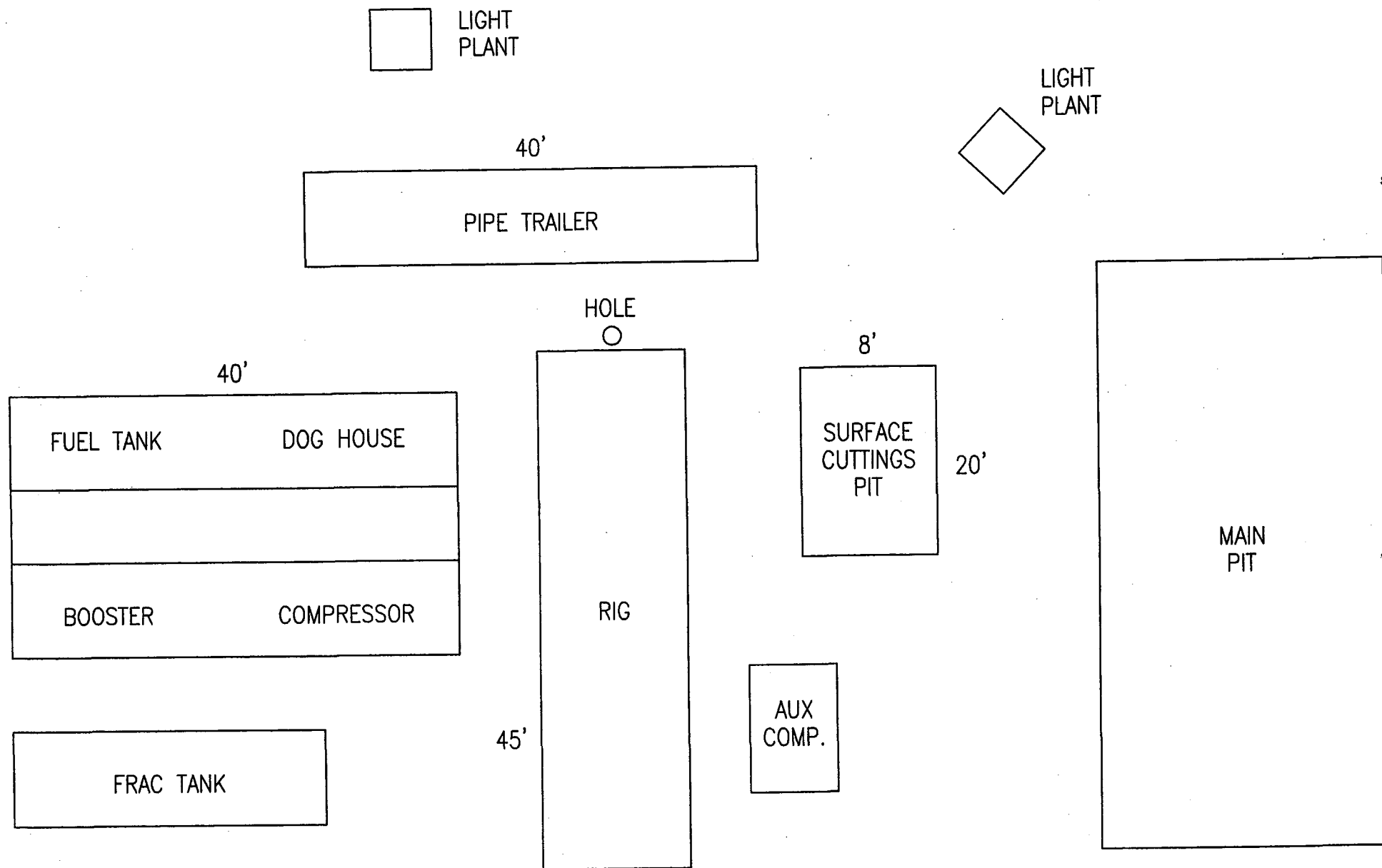
510000mE. 512000mE. 514000mE. 516000mE. 518000mE. 520000mE. 522000mE. NAD27 Zone 12S 527000mE.



TN MN
12 1/2°

0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 miles
0 1 2 3 4 5 km

APPROXIMATE LAYOUT OF RIG & EQUIPMENT





ConocoPhillips Company
3300 N. 'A' St. Bldg. 6
Midland, TX 79705

August 27, 2007

Utah Division of Oil, Gas, and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

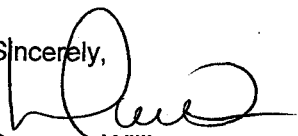
Location Exception Application
Keach 27-864
584.21 FSL & 1110.32 FWL
SWSW of 27-14S-10E
Carbon County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code R649-3-2, ConocoPhillips Company hereby requests administrative approval for a location exception in the referenced well bore due to topography issues that prevented the well from being spotted within the center of the 40 acre spacing unit. Furthermore, COP is 100% owner of all tracts within a radius of 460' of the well bore.

Should you have any questions, or need additional information, please do not hesitate to contact me at 432-688-6943.

Sincerely,



Donna J. Williams
Sr. Regulatory Specialist

RECEIVED

AUG 28 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: ConocoPhillips Company				9. WELL NAME and NUMBER: Keach 27-864	
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710 PHONE NUMBER: (432) 688-6943				10. FIELD AND POOL, OR WILDCAT: Drunkards Wash	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 584.21 FSL & 1110.32 FWL AT PROPOSED PRODUCING ZONE:				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 27 14S 10E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1 mile southeast of Price, Utah				12. COUNTY: Carbon	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 584		16. NUMBER OF ACRES IN LEASE: ~640 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) ~2640		19. PROPOSED DEPTH: 1,300		20. BOND DESCRIPTION: Statewide	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5491.9		22. APPROXIMATE DATE WORK WILL START: 9/1/2007		23. ESTIMATED DURATION:	

24. PROPOSED CASING AND CEMENTING PROGRAM						
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT	
14 3/4	12 3/4	H40	40.5#	40		
11"	8 5/8"	J55	24#	400	170 sxs G + 2% CaCl	1.18 cu ft/sk 15.6 ppg
7 7/8"	5 1/2	N80	17#	1,300	235 sxs 50/50 Poz G	14.1 ppg

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Donna Williams TITLE Sr. Regulatory Specialist
SIGNATURE DATE 8/27/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-067-31292

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:

Date: 09-04-07

By: (See Instructions on Reverse Side)

AUG 28 2007

UTAH SHPO

COVER SHEET

Project Name: **An Intensive Cultural Resource Survey and Inventory of Six Wells and Access Corridors in the ConocoPhillips Company Coalbed Natural Gas Field**

ConocoPhillips Company

State # U07SC0961p

Report Date: August 21, 2007

County (ies): Carbon

Principal Investigator/ Field Supervisor: John A. Senulis/John Senulis

Records Search/Location/Dates: August 7, 2007, Price River Field Office of the BLM

Acreage Surveyed: 107 acres

Intensive Acres: 107

Recon/Intuitive Acres: 0

U.S.G.S. 7.5 Quads: Price, Utah (1978)

Sites Reported	Number	Smithsonian Site #(s):
Archeological Sites:	0	
Revisit (No IMACS update)	0	
Revisit (IMACS update attch.)	0	
New Sites (IMACS attached)	0	
Archeological Site Total:	0	
Historic Structures:		
(USHS Site Form Attached)		
Total NRHP Eligible Sites,	0	

Checklist of Required Items:

1. X 1 Copy of Final Report
2. X Copy of U.S.G.S. 7.5' map showing surveyed/excavated area
3. Completed IMACS Site Inventory Forms Including
 - _____ Parts A and B or C
 - _____ IMACS Encoding Form
 - _____ Site Sketch Map
 - _____ Photographs
 - _____ Copy of USGS 7.5' Quad with Smithsonian site Number
4. X Completed Cover Sheet

RECEIVED

AUG 30 2007

DIV. OF OIL, GAS & MINING



SENCO-PHENIX

**An Intensive Cultural Resource Survey and Inventory of
Six Wells and Access Corridors in the
ConocoPhillips Company Coalbed Natural Gas Field
(Duval 28-863, Cassia 29-862, L.D.S. 28-860, Keach 27-864, L.D.S. 34-865, Cave 34-868)**

Carbon County, Utah

**PERFORMED FOR
ConocoPhillips Company**

**In Accordance with Utah State Guidelines
Antiquities Permit #U07SC0961p**

**SPUT-565
August 21, 2007**

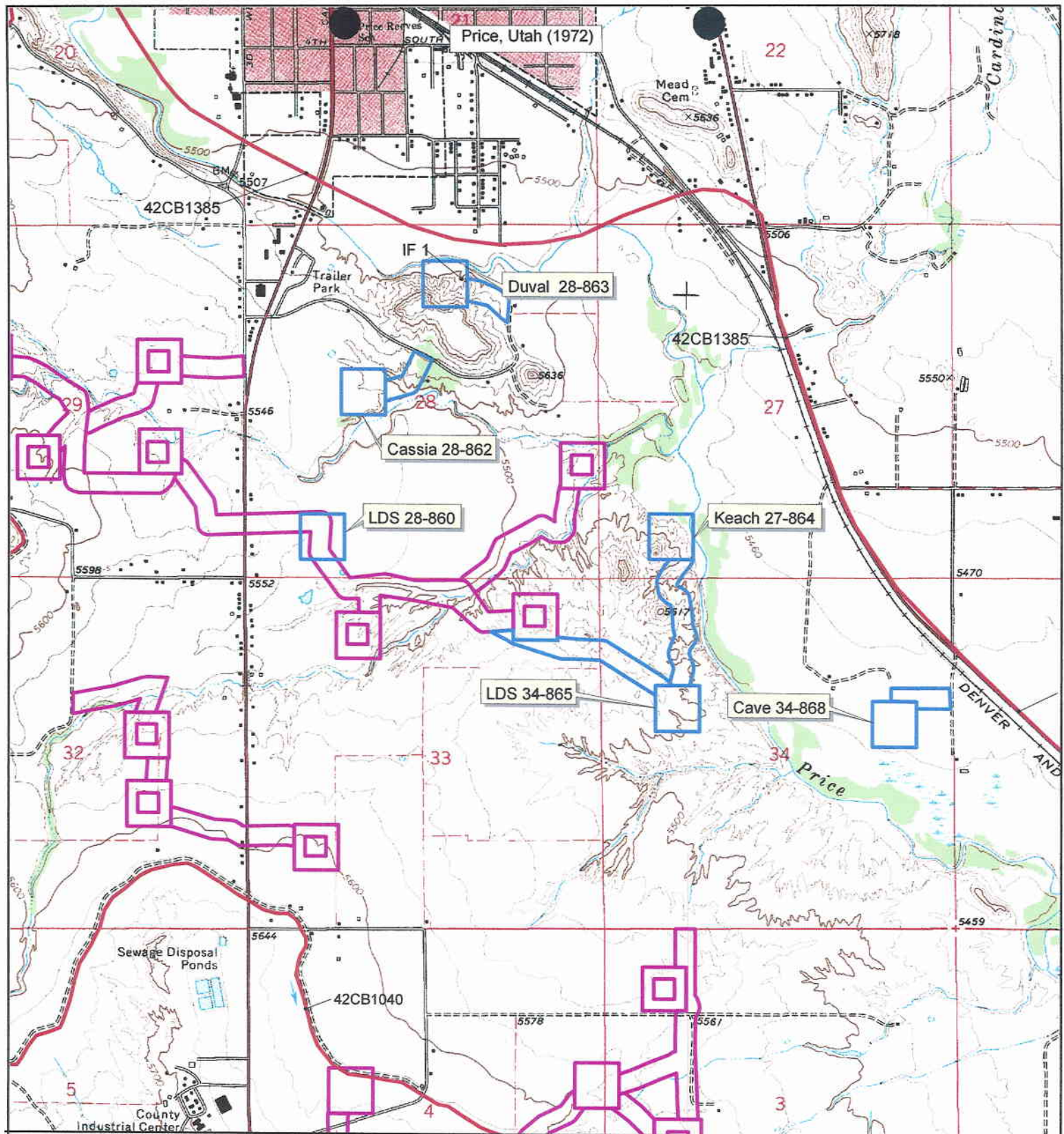
John A Senulis

Direct Charge of Fieldwork

Abstract

SENCO-PHENIX performed an intensive cultural resource survey on six proposed wells and access corridors within the ConocoPhillips Company Coalbed Natural Gas Field on private lands. The purpose of the survey was to identify and evaluate cultural resources that may exist within the project area.

No cultural resources were located and the potential for undetected remains is remote. A finding of No Effect is appropriate and Archeological Clearance is recommended.



SENCO-PHENIX



Scale 1:24,000
1" = 2,000'



Current Survey

Previous Survey



Eligible Sites



Ineligible Sites

Six Wells & Access Corridors
ConocoPhillips Company
Sections 27, 28, 33, 34, T14S, R10E
Carbon County, Utah
August 2007
SPUT-565

Project Location & Environment

The location of the six wells is given below, all wells are in Township 14 South, Range 10 East, Carbon County, Utah. Because of variations in environmental settings and modern use, the wells are discussed separately.

- The proposed Duval 28-863 will be in the NW/NE $\frac{1}{4}$ of Section 28. The access road will begin off a paved street and run 735 feet to the west. This project area is sloping and eroding Mancos Shale with scant vegetation except near the Price River in the extreme northern part of the ten-acre block. Modern modifications include a 7 by 30 foot rusted steel pipe and a 4 by 10 foot rusted steel pipe converted to a burner. Both pipes appear to have been dumped into this barren setting. There were also 2 cement pads that do not appear to have been used for structures and there are no associated artifacts.
- The proposed Cassia 29-862 will be in the in the SE/NW $\frac{1}{4}$ of Section 28. The access road will begin off a paved street and run southerly 460 feet to the well pad. This project area is part of a working farm. The access road will follow an existing road most of the way through a low sagebrush slope to the proposed well pad, which is in a cultivated field.
- The proposed L.D.S. 28-860 will be in the SW/SW $\frac{1}{4}$ of Section 28. The access road is an oilfield improved road adjacent to the proposed well pad. This project area is part of a working farm and the proposed well pad will be inside a modern corral.
- The proposed Keach 27-864 will be in the SW/SW $\frac{1}{4}$ of Section 27. The access road will begin at the proposed L.D.S. 34-865 in Section 34 and run northerly 2,100 feet to the proposed well pad. This project area is on the east and north slopes of several eroded Mancos hills with heavy rock and gravel content. Vegetation is low sagebrush grading into barren soils. There is riparian vegetation near the Price River at the north and east edges of the ten-acre block.
- The proposed L.D.S. 34-865 will be in the SW/NW $\frac{1}{4}$ of Section 34. The access road will run easterly 2,600 feet from an existing oilfield road in the NE/NE $\frac{1}{4}$ of Section 33. This project area is eroding Mancos slopes with some low sagebrush.
- The proposed Cave 34-868 will be in the SE/NE $\frac{1}{4}$ of Section 34. The access road will run northerly then westerly 1,000 feet along existing roads. This project area is a working farm and the proposed well pad will be in a farm storage area and in a cultivated field.

The project areas are shown on the enclosed copy of U.S.G.S. 7.5' Quad: Price, Utah (1972). The well pads and access corridors were staked.

Previous Research

SENCO-PHENIX has maintained an ongoing file search for the ConocoPhillips Drunkards Wash Coalbed Methane Gas field since 1998. The file search is coded and mapped on ArcView and the files are updated at the same time. These files were examined prior to fieldwork and supplemented with a visit to the Price River Field Office of the BLM on August 7, 2007.

- 1981 to 1982, Various seismic lines projects were conducted in Sections 26. No cultural resources were located in the project area. (82-20)
- SENCO-PHENIX surveyed various wells and access corridors in Sections 28 and 33, T14S, R10E. No significant cultural resources were discovered. (04-753, 05-1034)

Methodology

John and Jeanne Senulis of SENCO-PHENIX performed a Class III intensive walkover survey of the six wells and access corridors on August 9, 19, 2007. Meandering transects no further spaced than 15 meters were employed. The access corridors were surveyed to a total width of 300 feet. Special attention was given to areas of subsurface soil exposure from construction and animal burrowing. All field notes are on file at the offices of SENCO-PHENIX in Price, Utah.

Findings and Recommendations

No cultural resources were located and the potential for undetected remains is remote. A finding of No Effect is appropriate and Archeological Clearance is recommended.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2007

ConocoPhillips Company
P O Box 51810
Midland, TX 79710

Re: Keach 27-864 Well, 584' FSL, 1110' FWL, SW SW, Sec. 27, T. 14 South, R. 10 East,
Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31292.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Carbon County Assessor

Operator: ConocoPhillips Company
Well Name & Number Keach 27-864
API Number: 43-007-31292
Lease: Fee

Location: SW SW Sec. 27 T. 14 South R. 10 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Conocophillips Company

Well Name: Keach 27-864

API No: 43-007-31292 Lease Type: Federal

Section 27 Township 14S Range 10E County Carbon

Drilling Contractor _____ Rig # _____

SPUDDED:

Date 10-17-07

Time 5:00 PM

How Dry

Drilling will Commence: _____

Reported by Jo Baily

Telephone # 970-309-6848

Date 10-19-07 Signed RM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

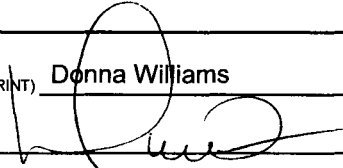
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (432) 688-6943		8. WELL NAME and NUMBER: Keach 27-864
4. LOCATION OF WELL FOOTAGES AT SURFACE: 584' FSL and 1110' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 27 14S 10E		9. API NUMBER: 4300731292
		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
		COUNTY: Carbon
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/17/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Spud well
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

10/17/2007 - Spud well, set 18' conductor. Drill to 245'.

10/18/2007 - Drill from 245' to 440'. Set 8 5/8" J-55 24# casing at 427'. Cement w/185 sx CI G cement, full returns to surface.

NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Specialist
SIGNATURE 	DATE 10/23/2007

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OCT 29 2007

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DIVISION OF OIL, GAS AND MINING

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FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P. O. Box 51810 CITY Midland STATE TX ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (432) 688-6943		8. WELL NAME and NUMBER: Keach 27-864
4. LOCATION OF WELL FOOTAGES AT SURFACE: 584 FSL & 1110 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 27 14S 10E		9. API NUMBER: 4300731292
		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
		COUNTY: Carbon
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/21/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Date of First Production for the above well is November 21, 2007. Production rate on November 22, 2007 - 0 BO, 700 MCF, 1695 BW. Well perferd from 849' - 857'. Set CBP @ 820'. Well perferd from 762' - 782'.

NAME (PLEASE PRINT) Donna Williams TITLE Sr. Regulatory Specialist
SIGNATURE DATE 11/27/2007

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DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P. O. Box 51810 CITY Midland STATE TX ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 584' FSL & 1110' FWL QTR/4TR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 27 14S 10E		8. WELL NAME and NUMBER: Keach 27-864
PHONE NUMBER: (432) 688-6943		9. API NUMBER: 4300731292
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Drunkards Wash
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/5/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DO CBP
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

First Production Notice dated 11/27/2007 reported CBP set at 820'. The CBP was drilled out to PBTD at 1235' and circ for 1/2 hour on 12/3/2007. 2 7/8" tubing was set at 765' on 12/5/2007.

NAME (PLEASE PRINT) Donna Williams TITLE Sr. Regulatory Specialist
SIGNATURE DATE 12/6/2007

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF WORK:

NEW WELL	<input checked="" type="checkbox"/>	HORIZ. LATS.	<input type="checkbox"/>	DEEP- EN	<input type="checkbox"/>	RE- ENTRY	<input type="checkbox"/>	DIFF. RESVR.	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
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2. NAME OF OPERATOR:
ConocoPhillips Company

3. ADDRESS OF OPERATOR:
P. O. Box 51810 CITY Midland STATE TX ZIP 79710

PHONE NUMBER:
(432) 688-6943

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 584' FSL & 1110' FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUDDER:
10/17/2007

15. DATE T.D. REACHED:
10/21/2007

16. DATE COMPLETED:
11/20/2007

ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):
5492' GL

18. TOTAL DEPTH: MD 1,320
TVD

19. PLUG BACK T.D.: MD	1,235
	TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET:	MD TVD
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22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

CD/CN/GR. DI/GL/GR

23.

WAS WELL CORED?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	(Submit analysis)
WAS DST RUN?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	(Submit report)
DIRECTIONAL SURVEY?	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	(Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

[illegible]

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	765							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Ferron	762	857		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
849 857		48	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
762 782		52	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
849' - 857'	19 bbls 15% HCL, 39,603# 16/30, 750 BW
762' - 782'	31 bbls 15% HCL, 84,864# 16/30, 1153 BW

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29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS

☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ CORE ANALYSIS ☐ OTHER: _____

D. WELL STATUS:

Producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 11/21/2007	TEST DATE: 11/22/2007	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 700	WATER – BBL: 1,695	PROD. METHOD: Pumping
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: GAS – MCF: WATER – BBL: INTERVAL STATUS: Open

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: GAS – MCF: WATER – BBL: INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: GAS – MCF: WATER – BBL: INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: GAS – MCF: WATER – BBL: INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Bluegate	613
				Ferron Sd	762
				Ferron Coal	763
				Tununk	995

35. ADDITIONAL REMARKS (include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT)

Donna Williams

TITLE

Sr. Regulatory Specialist

SIGNATURE

DATE

12/6/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940